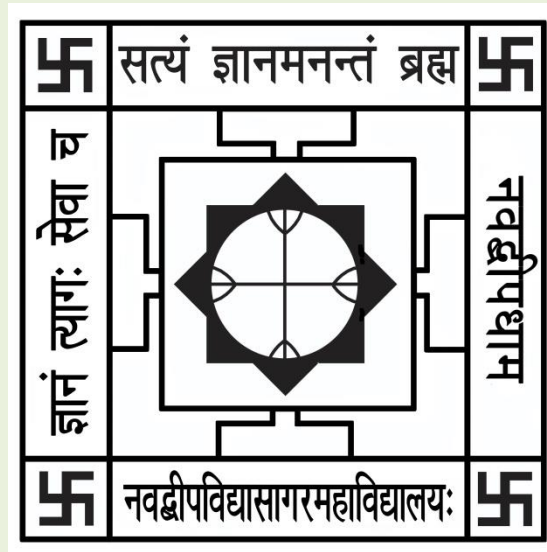


Nabadwip Vidyasagar College Nabadwip, Nadia



The Green Campus and Environmental Policy



The green campus concept offers an institution the opportunity to take the lead in redefining its environmental culture and developing new paradigms by creating sustainable solutions to the environmental, social, and economic needs of mankind. A Green Campus is a place where environmentally friendly practices and education systems jointly promote sustainable and eco-friendly ambiance in the campus.

Scope of the Policy

The policies and initiatives for the conservation of energy, environment and green campus activities will develop a positive attitude towards nature and will create challenge for protecting our resources amongst the prospective teachers. Being the future nation builders of the society the students and teachers are expected to disseminate the same to the young generations of the schools through various activities.

The focus areas of this policy are:

- Clean Campus Initiatives
- Landscaping Initiatives
- Clean Air Initiatives
- Infrastructure
- Solar Power Plant
- Installation of Energy Efficiency Equipment
- Waste Management processes
- Solid Waste Management
- Liquid Waste Management
- E-Waste Management
- Awareness Initiatives
- Environment-centric Student Societies and Department Activities

- Plastic-Free Campus

Objectives of the Policy

- To make student teachers understand the importance of environment and its problem areas.
- To educate student teachers to create awareness amongst public.
- To protect and conserve ecological systems and resources within and outside the campus.
- To work with the local community to enhance the environment protection practices and energy conservation strategies among the rural community.

Policy implementation

➤ *Clean Campus Initiatives*

Nabadwip Vidyasagar College had pledged to actively coordinate cleanliness activities in the college and beyond the campus in accordance with the vision of 'Swachh Bharat Abhiyan'. It commits to continue with this Programme. The broad vision is as follows:

- Generating mass awareness on cleanliness and hygiene amongst students and staff members by holding regular cleanliness drives. The idea is to motivate them to contribute in a proactive manner.
- Activities under 'Swachh Bharat Abhiyan' will be a key component of all the community work being done by NSS and Green Warrior volunteers of the college.
- Staff and Faculty will be encouraged to participate in the cleanliness drive in the college campus.
- Remove all kinds of waste material like broken furniture, unusable equipment etc.

- Administer of the pledge by students and staff members to maintain cleanliness of the college campus and its surrounding areas on an annual basis.
- Conduct workshops on the 3Rs: **Reduce, Reusing and Recycling of waste.**
- Commit to managing waste and maintaining clean campus, especially during college events

➤ ***Clean Water Initiatives***

In this context Nabadwip Vidyasagar College therefore has adopted the following policies:

- Repair sources of water leakage, such as dripping taps as quickly as possible after notice.
- Install appliances which will reduce water consumption.
- Reuse the water coming out RO water purification systems for campus gardening.
- Use an efficient and hygienic water storage mechanism is to minimize the loss of water during storage.

➤ ***Landscaping Initiatives***

It is a vital part of the life of a campus, providing space for study, play, outdoor events, relaxation, and aesthetic appreciation.

- The landscape serves as a visual representation of the campus community's commitment to sustainability.
- As campus landscapes are so visible and accessible, landscaping initiatives are a great way to build awareness about the environment.
- There are more than 30 trees and more than 100 shrubs on campus along with a grass cover.

- The landscape of trees and plants provides the 3000+ students and staff with clean and cool air in a soothing environment.

The major policies of landscaping initiative include the following.

- A good amount of campus land is maintained as Campus Garden round the year.
- Annual tree plantation drive on World Environmental Day and sapling distribution to all the Departments of the College.
- Practicing the ceremony “*Vanmahotsava*” in the college campus in order to create an affinity towards green initiatives organized by the college
- Tree plantation drive in the neighbouring schools in collaboration with the Municipality and NSS unit of the College.

➤ **Infrastructure**

Installation of Energy Efficiency Equipment

Nabadwip Vidyasagar College is committed to maximize energy conservation procedures through various measures.

- Solar panels were installed on the rooftops of the college building to minimize the use of non-renewable sources of energy.
- Directions to students for the proper utilization of electronic devices in the institution.
- Institution ensures all the institutional electronics are turned off when not in use.
- Institution reduces e-waste to the maximum with proper maintenance, before moving on to Replace & Recycle stage.
- Institution prioritizes the Use of energy efficient, Energy saving star –marked equipment for various purposes.

➤ **Waste Management**

Waste minimization is very important because it makes good business sense to protect the environment and boost environmental performance. Waste minimization techniques focus on preventing waste from ever being created, otherwise known as source reduction, and recycling. Nabadwip Vidyasagar College therefore commits to:

- Ensure **e-governance to reduce the use of papers, inks, etc.**
- Keep a stack of paper that has been printed on one side and use it for day to day rough paper work.
- Use more readout material in soft form, reducing the hard print out materials.
- Use more of e-mail for officially communicating the information needed, online reading etc.
- Reduce the practice of burning plastic and other materials that emit harmful gas on burning is prevented in the campus.
- Ensure that all cleaning products used by college staff have a minimal detrimental impact on the environment.
- **Use two types of bins** separately for biodegradable and non-biodegradable wastes in the college campus as well as in hostels.
- Recycle electronics and batteries in **e-waste recycling bins located** around campus.
- Re-evaluate. Do you really need that extra gadget? Try finding one device with multiple functions. This will reduce the generation of e-waste at source.
- Dispose the chemical waste generated from the laboratories in a scientific manner.

Solid Waste Management

- **Separate colour coded bins have been installed** throughout the campus and the departments to collect the solid wastes with proper indication about the nature of solid wastes to dispose in the particular bins to ensure the segregation of the wastes as the primary step of management.
- Hazardous solid wastes like Broken Glass are put into separate bins and disposed of through Nabadwip Municipality.
- Solid wastes from the laboratories are kept into Black trash bins and are regular disposed along with municipal trash.
- The college campus has been **declared as a 'plastic free zone'** and this has reduced the use of plastic containers and bags.
- The issue of segregated vats has been successfully implemented. The Green Bin for collection of food wastes. These are degradable wastes which are being used after composting at the composting pit.
- The **non-degradable wastes are collected in the Blue Bin** which is disposed through the municipal waste management system.

Liquid Waste Management

The Departments generating liquid wastes are collected into specified basins where they are **first diluted 5 times before running them out** through the common drainage system. This ensures sufficient dilution to reduce their toxicity below LD₅₀ level.

E-Waste Management

To ensure the e-waste management as per the *E- Waste (Management) Amendment Rules, 2018*, has signed a MOU between HullaDek and the Nabadwip Vidyasagar College for successful handling of the e-waste. In the college, the departments have been instructed to gather their e-waste produced, and those are collected centrally

and kept locked. Finally those are handled and managed by the HullaDek as per the MOU.

➤ ***Awareness Initiatives***

Outreach and education are of utmost importance so that all members of the campus community may value the objectives of the policy and aid in its implementation. This is why Nabadwip Vidyasagar College supports and encourages awareness campaigns, seminars, workshops, conferences, and other interactive sessions to facilitate the effective implementation of the Green Campus, Energy, and Environment policies.

➤ ***Environment-centric Student Societies and Department Activities***

Nabadwip Vidyasagar College encourages all the departments and specific student societies like NSS, NCC, and others to organize events, competitions, and training sessions that will bring about positive environmental changes at the grass root level. The college supports departments and students in inspiring the students into active agents of environmental protection and conservation.

➤ ***Plastic-Free Campus***

Nabadwip Vidyasagar College campus has been declared as a plastic free zone. During Covid 19 period and after it, many webinars were held to make all the stakeholders understand about the importance of limiting the plastic usage especially within the college campus. Different signages are there about the environmental effects of plastic to ensure students' practices of not using plastic in their daily life including campus hours.